

Customer No.: 31561
Application No.: 10/709,306
Docket No.: 12952-US-PA

REMARKS

Present Status of the Application

Claims 1-16 remain pending of which claims 1, 6 and 14 have been amended, and canceled claims 7 and 12-13 without prejudice or disclaimer, to more explicitly describe the claimed invention. More specifically, a limitation has been integrated into claims 1 and 6, and claim 14 has been amended to merely correct a typographical error. Therefore, it is believed that no new matter adds by way of amendment to claims or otherwise to the application.

For at least the following reasons, Applicant respectfully submits that claims 1-6, 8-11 and 14-16 are in proper condition for allowance. Reconsideration is respectfully requested.

Discussion of the claim rejection under 35 USC 103

1. The Office Action rejected claims 1, 2, 6, 8, 12 and 13 under 35 U.S.C. 103(a) as being unpatentable over Admission (hereinafter AAPA) and Song et al. (US-6,215,541, hereinafter Song) in view of Baek et al. (US-6,524,876, hereinafter Baek).

2. The Office Action rejected claims 3-5, 7, 9-11 and 14-16 under 35 U.S.C. 103(a) as being unpatentable over AAPA and Song in view of Baek and in view of Kano et al. (US-20040017528, hereinafter Kano).

In rejecting the above claims, the Examiner stated that AAPA, Song and Baek fail to disclose a size of the contact hole in a range of 20 um, however relied upon Kano to

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disclose this feature. Therefore it would have been obvious to one skilled in the art to modify the pixel structure of the AAPA to include Kano's contact hole motivated by the desire to provide an active matrix display device having asymmetrical reflection properties.

Applicants respectfully disagree and traverse the above rejections as set forth below. Applicants respectfully submit the claimed invention specifies that contact holes in pixel structure are used for connecting the data line with the redundant data line, wherein a length of the contact holes is in a range of about 20um to about a length of the data line. Whereas, Kano, at paragraph [0110] and paragraphs [0120] – [0121], substantially teaches a method FOR ELECTRICALLY CONNECTING THE PIXEL ELECTRODES 167 AND THE DRAIN ELECTRODES 117 THROUGH THE CONTACT HOLES 168, and therefore, it is clear that Kano substantially fails to teach contact hole(s) for electrically connecting the data line and the redundant data line (or the scan line with the redundant scan line), as specified by the amended proposed independent claims 1, 6 and 14.

Because the purpose of the contact hole(s) of AAPA, Song and Baek, and that of Kano are different, and therefore Kano cannot possibly suggest one skilled in the art to modify the contact holes of AAPA or Song or Baek, in a manner suggested by the Examiner.

Furthermore, Kano fails to disclose or suggest the length of the contact holes are in a range of about 20um to about a length of the data line as specified by the claimed invention.

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Therefore, the cited references AAPA, Song, Baek and Kano, either alone or in combination, can not possibly render every features of the claimed invention as claimed in the amended proposed independent claims 1, 6 and 14 obvious in this regard, and therefore the amended proposed independent claims 1, 6 and 14 should be allowed.

Claims 2-6, 8-11 and 15-16, which directly or indirectly depend from the independent Claims 1, 6 and 14 respectively, are also patentable over AAPA, Song, Baek and Kano at least because of their dependency from an allowable base claim.

For at least the foregoing reasons, Applicants respectfully submit that claims 1-6, 8-11 and 14-16 patently define over AAPA, Song, Baek and Kano. Reconsideration and withdrawal of above rejections is respectfully requested.

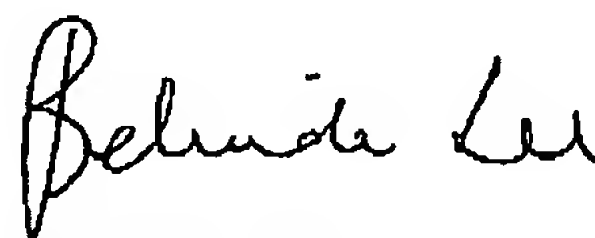
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CONCLUSION

For at least the foregoing reasons, it is believed that all pending claims 1-6, 8-11 and 14-16 are in proper condition for allowance. If the Examiner believes that a conference would be of value in expediting the prosecution of this application, he is cordially invited to telephone the undersigned counsel to arrange for such a conference.

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Respectfully submitted,



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